



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-09-2021

Test No: 810

Weather: Cloudy

Sl No	Test Item	Unit	Frequency	Detection limit (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water
						Sampling Time: 9:48 AM	Sampling Time: 10:07 AM	Sampling Time: 10:10 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 10:55 AM
1	Temperature	°C	day	20-30	Portable analyser-ST300			30	30.7	30.7	30.8
2	PH		day	6.5-8.5				8.18	7.91	7.88	7.45
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	121	21.2	21.4	0.68	0.21	0.1
4	Color	pt-co	day	15	Portable analyser-AQ3700			103	18	0	0
5	Suspended Solid	mg/L	day					88	19	18	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Alkalinity	mg/L	Once a week		Titration						
8	Hardness	mg/L	Once a week	200-500	Portable analyser-AQ3700						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				
Remark:											